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(c) On May 19, 1972, the Federal Trade Commission published a notice in the FEDERAL REGISTER (37 FR 10104) temporarily suspending the washing requirements under FF 1-70 for carpets and rugs containing alumina trihydrate in the backing. This temporary suspension was extended a number of times. On March 28, 1973 the Federal Trade Commission proposed in the FEDERAL REGISTER (38 FR 8101) an alternative laundering procedure for such carpets and rugs and gave notice that the suspension of the laundering requirement was extended until the completion of the proceeding to establish an alternative laundering procedure. The suspension continues in effect.

[40 FR 59931, Dec. 30, 1975, as amended at 65 FR 12933, Mar. 10, 2000]

### Subpart D—Interpretations and Policies

#### § 1630.81 Policy on recall of noncomplying carpets and rugs.

(a) *Purpose.* The purpose of this section is to state the policy of the Commission concerning recall of carpets and rugs which are subject to and fail to comply with the Standard for the Surface Flammability of Carpets and Rugs (FF 1-70) (16 CFR part 1630, subpart A). In this policy statement, the Commission reaffirms that provisions of the Flammable Fabrics Act (FFA) authorize recall of any product which fails to comply with an applicable flammability standard issued under that Act. Additionally, this policy statement announces general principles which will be followed by the Commission in exercising the authority contained in the FFA to require recall of carpets and rugs from various levels of distribution, including carpets and rugs in the possession of the ultimate consumer.

(b) *Recall from distributors and retailers.* The Commission will exercise the authority contained in the FFA to order recall of carpets and rugs which fail to comply with the Standard for the Surface Flammability for Carpets and Rugs and which are in the possession of any distributor, retailer, or other person or firm in the chain of distribution, where the facts, including the number and pattern of test fail-

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ures, indicate that such action is necessary and appropriate.

(c) *Recall from consumers.* (1) In cases involving carpets and rugs distributed in commerce by a domestic manufacturer, or imported into the United States, after July 11, 1978, the Commission will exercise the authority contained in the FFA to order recall of carpets and rugs which fail to comply with the Standard for the Surface Flammability of Carpets and Rugs and which are in the possession of ultimate purchasers, including installed carpet, where the facts, including the number and pattern of test failures, indicate that such action is necessary and appropriate.

(2) The Commission may exercise the authority of section 15 of the Consumer Product Safety Act (15 U.S.C. 2064) to order the repair, replacement, or repurchase of any carpets or rugs in the possession of ultimate purchasers, including installed carpet, if such carpets and rugs present a “substantial product hazard” as that term is used in the Consumer Product Safety Act in any case involving carpets or rugs which were distributed in commerce by a domestic manufacturer or imported into the United States, on or before July 11, 1978, or any time thereafter.

(Sec. 5, 15 U.S.C. 1194, 67 Stat. 112, June 30, 1953; sec. 5, 15 U.S.C. 45(b), 38 Stat. 719, Sept. 26, 1914; sec. 15, 15 U.S.C. 2064, 86 Stat. 1221, Oct. 27, 1972)

[44 FR 2169, Jan. 10, 1979]

### PART 1631—STANDARD FOR THE SURFACE FLAMMABILITY OF SMALL CARPETS AND RUGS (FF 2-70)

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SOURCE: 40 FR 59935, Dec. 30, 1975, unless otherwise noted.

### Subpart A—The Standard

AUTHORITY: Sec. 4, 67 Stat. 112, as amended, 81 Stat. 569-70; 15 U.S.C. 1193.

#### § 1631.1 Definitions.

In addition to the definitions given in section 2 of the Flammable Fabrics Act, as amended (sec. 1, 81 Stat. 568; 15 U.S.C. 1191), and the procedures under that act for setting standards (part 1607 of this chapter), the following definitions apply for the purposes of this Standard:

(a) *Acceptance Criterion* means that at least seven out of eight individual specimens of a small carpet or rug shall meet the test criterion as defined in this Standard.

(b) *Test Criterion* means the basis for judging whether or not a single specimen of small carpet or rug has passed the test, i.e., the charred portion of a tested specimen shall not extend to within 2.54 cm. (1.0 in.) of the edge of the hole in the flattening frame at any point.

(c) *Small Carpet* means any type of finished product made in whole or in part of fabric or related material and intended for use or which may reasonably be expected to be used as a floor covering which is exposed to traffic in homes, offices, or other places of assembly or accommodation, and which may or may not be fastened to the floor by mechanical means such as nails, tacks, barbs, staples, adhesives, and which has no dimension greater than 1.83 m. (6 ft.) and an area not greater than 2.23 m.<sup>2</sup> (24 sq. ft.). Products such as “Carpet Squares” with dimensions smaller than these but intended to be assembled, upon installation, into assemblies which may have dimensions greater than these, are ex-

cluded from this definition. They are, however, included in the Standard for the surface flammability of carpets and rugs (FF 1-70) (subpart A of part 1630 of this chapter). Mats, hides with natural or synthetic fibers, and other similar products are included in this definition if they are within the defined dimensions, but resilient floor coverings such as linoleum, asphalt tile and vinyl tile are not.

(d) *Small Rug* means, for the purposes of this Standard, the same as small carpet and shall be accepted as interchangeable with small carpet.

(e) *Traffic Surface* means a surface of a small carpet or rug which is intended to be walked upon.

(f) *Timed Burning Tablet* (pill) means a methenamine tablet, flat, with a nominal heat of combustion value of 7180 calories/gram, a mass of 150 mg  $\pm$  5mg and a nominal diameter of 6mm.

(g) *Fire-Retardant Treatment* means any process to which a small carpet or rug has been exposed which significantly decreases the flammability of that small carpet or rug and enables it to meet the acceptance criterion of this Standard.

[40 FR 59935, Dec. 30, 1975, as amended at 72 FR 60767, Oct. 26, 2007]

#### § 1631.2 Scope and application.

(a) This Standard provides a test method to determine the surface flammability of small carpets and rugs when exposed to a standard small source of ignition under carefully prescribed draft-protected conditions. It is applicable to all types of small carpets and rugs used as floor covering materials regardless of their method of fabrication or whether they are made of natural or synthetic fibers or films, or combinations of, or substitutes for these.

(b) One of a kind small carpet or rug, such as an antique, an Oriental or a hide, may be excluded from testing under this Standard pursuant to conditions established by the Consumer Product Safety Commission.

#### § 1631.3 General requirements.

(a) *Summary of test method.* This method involves the exposure of each of eight conditioned, replicate specimens of a small carpet or rug to a

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standard igniting source in a draft-protected environment and measurement of the proximity of the charred portion to the edge of the hole in the prescribed flattening frame.

(b) *Test criterion.* A specimen passes the test if the charred portion does not extend to within 2.54 cm. (1.0 in.) of the edge of the hole in the flattening frame at any point.

(c) *Acceptance criterion.* At least seven of the eight specimens shall meet the test criterion in order to conform with this Standard.

### § 1631.4 Test procedure.

(a) *Apparatus*—(1) *Test chamber.* The test chamber shall consist of an open top hollow cube made of noncombustible material<sup>1</sup> with inside dimensions 30.48 × 30.48 × 30.48 cm. (12 × 12 × 12 in.) and a minimum of 6.35 mm. (¼ in.) wall thickness. The flat bottom of the box shall be made of the same material as the sides and shall be easily removable. The sides shall be fastened together with screws or brackets and taped to prevent air leakage into the box during use.

NOTE: A minimum of two chambers and two extra bottoms is suggested for efficient operation.

(2) *Flattening frame.* A steel plate, 22.86 × 22.86 cm. (9 × 9 in.) 6.35 mm. (¼ in.) thick with a 20.32 cm. (8 in.) diameter hole in its center is required to hold the specimen flat during the course of the test. It is recommended that one be provided for each test chamber.

(3) *Standard igniting source.* A methenamine tablet, flat, with a nominal heat of combustion value of 7180 calories/gram, a mass of 150 mg ± 5 mg and a nominal diameter of 6 mm. These tablets shall be stored in a desiccator over a desiccant for 24 hours prior to use. (Small quantities of absorbed water may cause the tablets to fracture when first ignited. If a major fracture occurs, any results from that test shall be ignored, and it shall be repeated.)

(4) *Test specimens.* Each test specimen shall be a 22.86 × 22.86 cm. (9 × 9 in.) section of the small carpet or rug to be tested. Eight specimens are required.

<sup>1</sup>6.35 mm. (¼ in.) cement asbestos board is a suitable material.

(5) *Circulating air oven.* A forced circulation drying oven capable of removing the moisture from the specimens when maintained at 105 °C. (221 °F.) for 2 hours.<sup>2</sup>

(6) *Desiccating cabinet.* An airtight and moisture tight cabinet capable of holding the floor covering specimens horizontally without contacting each other during the cooling period following drying, and containing silica gel desiccant.

(7) *Gloves.* Nonhygroscopic gloves (such as rubber or polyethylene) for handling the sample after drying and raising the pile on specimens prior to testing.

(8) *Hood.* A hood capable of being closed and having its draft turned off during each test and capable of rapidly removing the products of combustion following each test. The front or sides of the hood should be transparent to permit observation of the tests in progress.

(9) *Mirror.* A small mirror mounted above each test chamber at an angle to permit observation of the specimen from outside the hood.

(10) *Vacuum cleaner.* A vacuum cleaner to remove all loose material from each specimen prior to conditioning. All surfaces of the vacuum cleaner contacting the specimen shall be flat and smooth.

(b) *Sampling*—(1) *Selection of samples.* (i) Select a sample of the material representative of the lot and large enough to permit cutting eight test specimens 22.86 × 22.86 cm. (9 × 9 in.) free from creases, fold marks, delaminations or other distortions. The representative sample of material may require the use of more than one small carpet or rug. The test specimens should contain the most flammable parts of the traffic surface at their centers. The most flammable area may be determined on the basis of experience or through pre-testing.

<sup>2</sup>Option 1 of ASTM D 2654–67T, “Methods of Test for Amount of Moisture in Textile Materials,” describes a satisfactory oven. (“1969 Book of ASTM Standards,” part 24, published by the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.)

(ii) If the carpet or rug has had a fire-retardant treatment, or is made of fibers which have had a fire-retardant treatment, the selected sample or oversized specimens thereof shall be washed, prior to cutting of test specimens after they have been washed and dried either 10 times in accordance with sections 8.2.2, 8.2.3, and 8.3.1(A) of AATCC Test Method 124-1996 "Appearance of Fabrics after Repeated Home Laundering," using wash temperature V ( $60^{\circ} \pm 3^{\circ} \text{C}$ ,  $140^{\circ} \pm 5^{\circ} \text{F}$ ) specified in Table II of that method, and the water level, agitator speed, washing time, spin speed and final spin cycle specified for "Normal/Cotton Sturdy" in Table III, and drying shall be performed in accordance with section 8.3.1(A) of that test method, Tumble Dry, maximum load 3.64 Kg (8 pounds), using the exhaust temperature ( $66^{\circ} \pm 5^{\circ} \text{C}$ ,  $150^{\circ} \pm 10^{\circ} \text{F}$ ) and cool down time of 10 minutes specified in the "Durable Press" conditions of Table IV; or such number of times by another washing and drying procedure which the Consumer Product Safety Commission has determined to be equivalent of AATCC Test Method 124-1996. Alternatively, the selected sample or oversized specimens thereof may be washed, drycleaned, or shampooed 10 times, prior to cutting of test specimens, in such manner as the manufacturer or other interested party shall previously have established to the satisfaction of the Consumer Product Safety Commission is normally used for that type of carpet or rug in service.

(iii) AATCC Test Method 124-1996 "Appearance of Fabrics after Repeated Home Laundering," is found in Technical Manual of the American Association of Textile Chemists and Colorists, vol. 73, 1997, which is incorporated by reference. Copies of this document are available from the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, North Carolina 27709. This document is also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). This incorporation

by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51.

(2) *Cutting.* Cut eight  $22.86 \pm 0.64$  cm. ( $9 \pm \frac{1}{4}$  in.) square specimens of each small carpet or rug to be tested to comply with paragraph (b)(1) of this section.

(c) *Conditioning.* (1) Clean each specimen with the vacuum cleaner until it is free of all loose ends left during the manufacturing process and from any material that may have been worked into the pile during handling.<sup>3</sup> Care must be exercised to avoid "fuzzing" of the pile yarn.

(2) Place the specimens in a drying oven in a manner that will permit free circulation of the air at  $105^{\circ} \text{C}$ . ( $221^{\circ} \text{F}$ .) around them for 2 hours.<sup>4</sup> Remove the specimens from the oven with gloved hands and place them horizontally in the desiccator with traffic surface up and free from contact with each other until cooled to room temperature, but in no instance less than 1 hour.

(d) *Testing.* (1) Place the test chamber in the draft-protected environment (hood with draft off) with its bottom in place. Wearing gloves, remove a test specimen from the desiccator and brush its traffic surface with a gloved hand in such a manner as to raise its pile. Place the specimen on the center of the floor of the test chamber, traffic surface up, exercising care that the specimen is horizontal and flat. Place the flattening frame on the specimen and position a methenamine tablet on one of its flat sides in the center of the 20.32 cm. (8 in.) hole.

(2) Ignite the tablet by touching a lighted match or an equivalent igniting source carefully to its top. If more

<sup>3</sup>The vacuum cleaning described is not intended to simulate the effects of repeated vacuum cleaning in service.

<sup>4</sup>If the specimens are moist when received, permit them to air-dry at laboratory conditions prior to placement in the oven. A satisfactory preconditioning procedure may be found in ASTM D 1776-67, "Conditioning Textiles and Textile Products for Testing," ("1969 Book of ASTM Standards," part 24, published by the American Society for Testing and Materials, 1916 Race Street, Philadelphia, Pa. 19103.)

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than 2 minutes elapse between the removal of the specimen from the desiccator and the ignition of the tablet, the conditioning must be repeated.

(3) Continue each test until one of the following conditions occurs:

(i) The last vestige of flame or glow disappears. (This is frequently accompanied by a final puff of smoke.)

(ii) The flaming or smoldering has approached within 2.54 cm. (1.0 in.) of the edge of the hole in the flattening frame at any point.

(4) When all combustion has ceased, ventilate the hood and measure the shortest distance between the edge of the hole in the flattening frame and the charred area. Record the distance measured for each specimen.

(5) Remove the specimen from the chamber and remove any burn residue from the floor of the chamber. Before proceeding to the next test, the floor must be cooled to normal room temperature or replaced with one that is at normal room temperature.

(e) *Report.* The number of specimens of the eight tested in which the charred area does not extend to within 2.54 cm. (1.0 in.) of the edge of the hole in the flattening frame shall be reported.

(f) *Interpretation of results.* If the charred area does not extend to within 2.54 cm. (1.0 in.) of the edge of the hole in the flattening frame at any point for at least seven of the eight specimens, the small carpet or rug meets the acceptance criterion.

[40 FR 59935, Dec. 30, 1975, as amended at 65 FR 12934, Mar. 10, 2000; 72 FR 60767, Oct. 26, 2007]

### § 1631.5 Labeling requirements.

(a) If a small carpet or rug does not meet the acceptance criterion, it shall, prior to its introduction into commerce, be permanently labeled, pursuant to rules and regulations established by the Consumer Product Safety Commission with the following statement: FLAMMABLE (FAILS U.S. DEPARTMENT OF COMMERCE STANDARD FF 2-70); SHOULD NOT BE USED NEAR SOURCES OF IGNITION.

(b) If a small carpet or rug has had a fire-retardant treatment or is made of fibers which have had a fire-retardant treatment, it shall be labeled with the letter "T" pursuant to rules and regu-

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lations established by the Consumer Product Safety Commission.

### Subpart B—Rules and Regulations

AUTHORITY: Sec. 5, 67 Stat. 112, as amended, 81 Stat. 570; 15 U.S.C. 1194.

#### § 1631.31 Reasonable and representative tests and recordkeeping requirements.

EXPLANATION: Section 8 of the act, among other things, provides that no person shall be subject to criminal prosecution under section 7 of the act for a violation of section 3 of the act if such person establishes a guaranty received in good faith signed by and containing the name and address of the person by whom the product, fabric, or related material guaranteed was manufactured, or from whom it was received, to the effect that reasonable and representative tests made in accordance with applicable flammability standards show that the product, fabric, or related material covered by the guaranty conforms with such standards.

While a person establishing a guaranty received in good faith would not be subject to criminal prosecution under section 7 of the act, he, and/or the merchandise involved, would nevertheless remain subject to the administrative processes of the Consumer Product Safety Commission under section 5 of the act as well as injunction and condemnation procedures under section 6 thereof. A guarantor derives no immunity of any kind, civil or criminal, from the issuance of his own guaranty or performance of the reasonable and representative tests prescribed by this section.

The furnishing of guaranties is not mandatory under the act. The purpose of this section is to establish minimum requirements for reasonable and representative tests upon which guaranties may be based. The section does not have any legal effect beyond that specified in section 8 of the act.

(a) For the purposes of this section the following definitions apply:

(1) *Standard* means the Standard in subpart A of this part.

(2) *Test* means a test as prescribed by the Standard.

(3) *Acceptance criterion* means "acceptance criterion" as defined in the Standard.

(4) *Test criterion* means "test criterion" as defined in the Standard.

(5) *Carpet* and *rug* mean "carpet" and "rug" as defined in the Standard.

(6) *Quality of machine-made carpets or rugs* means any line of carpets or rugs, essentially machine-made, which are

substantially alike in all respects, including, as applicable, constructional units (needles, pitch, rows, shot, stitches, and weight), dye class, dyestuff, dyeing application method, gage, pile levels, pile height, average pile thickness, pile weight, pile yarn, total thickness, total weight, tufts, tuft length, tuft bind, warp yarn, filler yarn, yarn ends per needle, loop length, backing, back coating, primary backing, secondary backing, backing thickness, backing fabric count, backing warp and filler yarns, including stuffer and dead frame yarns, backing weight, fiber and/or other materials content, and fire retardant treatment received including the specifications and quantity of chemicals used.

(7) *Quality of handmade or hide carpets or rugs* means any line of carpets or rugs which are essentially handmade and/or are essentially hides and which are alike in all respects, including those specified in paragraph (a)(6) of this section, where applicable, except that such carpets or rugs may vary where unavoidable and/or may vary because of natural variations in hides of the same type, so long as such variations do not affect flammability.

(b) The tests set forth in paragraphs (c), (d), (e), and (f) of this section are reasonable and representative tests with regard to any carpets or rugs or qualities thereof to which they apply, except, however, that any test of any quality, whenever performed, which does not show a meeting of the acceptance criterion of the Standard shall be considered the reasonable and representative test for that quality and no guaranty with respect thereto shall be issued after the performance of such test. Immediately before conditioning and testing, each carpet or rug specimen tested pursuant to this section shall be in the form in which the carpet or rug or quality thereof which it represents is sold or offered for sale to the ultimate consumer.

(c) Reasonable and representative tests with respect to any quality of machine-made carpets or rugs are (1) at least one test performed upon commencement of production, importation, or other receipt thereof, (2) at least one test performed after production, importation, or other receipt of the first

25,000 linear yards of the quality, and (3) at least one test after production, importation, or other receipt of every 50,000 linear yards of the quality thereafter. Except, however, that tests need be performed only after production, importation, or receipt of each additional 100,000 linear yards of the quality, so long as all 24 specimens required to be tested in a complete series of three required tests immediately preceding any given test (eight out of eight specimens in each of the three preceding tests) meet the test criterion, rather than seven out of eight specimens, as permitted under the acceptance criterion of the Standard.

(d) Reasonable and representative tests with respect to any quality of handmade or hide carpets or rugs are at least one test performed upon the commencement of production, importation, or other receipt thereof and at least one test after production, importation, or other receipt of every 10,000 square yards of the quality thereafter.

(e) Reasonable and representative tests of a one-of-a-kind carpet or rug, machine made, handmade, or hide, is one test thereof or one test of an identical representative sample.

(f) Guaranties for carpets or rugs in inventory upon the effective date of the Standard may be issued in the same manner as other guaranties are issued. Reasonable and representative tests with respect to qualities or such carpets or rugs are at least one test performed upon approximately the first linear yard and one test thereafter for each 25,000 linear yards of a quality of machine-made carpets or rugs and at least one test performed upon approximately the first square yard and thereafter for each 10,000 square yards of a category of hand-made or hide carpets or rugs, in the order of the production, importation, or receipt by the guarantor of that quality.

(g) Any person issuing a guaranty for one or more carpets or rugs or qualities thereof based on reasonable and representative tests, shall maintain the following records for a period of 3 years from the date the tests were performed, or in the case of paragraph (h) of this section, the date the guaranties were

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furnished. These records must be maintained in the United States by a person subject to section 3 of the act:

(1) All identifying numbers, symbols, etc., manufacturing specifications including all other information described in paragraph (a)(6) of this section, as applicable, and source of products or raw materials used therein.

(2) A physical sample of each carpet or rug or quality thereof covered by the guaranty at least 6 inches by 6 inches in size (36 square inches).

(3) The original or a copy of the report of each test performed for purposes of the guaranty (whether or not such report shows a meeting of the acceptance criterion) which shall disclose the date of the test, the results, and sufficient information to clearly identify the carpet or rug tested.

(4) A record applicable to each test in paragraph (g)(3) of this section showing the approximate yardage at which it was performed. Records otherwise required to be maintained in linear yards may be maintained in square yards on the basis of 4 square yards equals 1 linear yard.

(h) Persons furnishing guaranties based on guaranties received by them shall maintain records showing the guaranty received and identification of the carpet or rug or quality thereof guaranteed in turn by them.

(i) Any person furnishing a carpet or rug guaranty under section 8(a) of the act who neglects or refuses to maintain and preserve the records prescribed in this section shall be deemed to have furnished a false guaranty under the provisions of section 8(b) of the act.

(Sec. 5 of the Act, 67 Stat. 112, as amended by 81 Stat. 570, 15 U.S.C. 1194; sec. 8 of the Act, 67 Stat. 114, as amended by 81 Stat. 572, 15 U.S.C. 1197)

## § 1631.32 Reasonable and representative tests and recordkeeping requirements—additional requirements.

(a) Persons issuing guaranties under section 8(a) of the act for small carpets and rugs subject to FF 2-70 shall be subject to all of the requirements of § 1631.31 except as provided in paragraph (b) of this section.

(b) In lieu of performing tests and maintaining records on the basis of lin-

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ear yards or square yards as provided in § 1631.31 persons furnishing warranties for small carpets and rugs subject to FF 2-70 shall perform tests and maintain records on the basis of units of carpets or rugs, with “unit” being defined as a single carpet or rug, or on the basis of square yards. At least one test shall be performed upon commencement of production, importation, or other receipt of such small carpet or rug and every 25,000 units or square yards thereafter.

(Sec. 5 of the Act, 67 Stat. 112, as amended by 81 Stat. 570, 15 U.S.C. 1194; sec. 8 of the Act, 67 Stat. 114, as amended by 81 Stat. 572, 15 U.S.C. 1197)

## § 1631.33 Carpets and rugs with fire-retardant treatment.

(a) For the purposes of this section the following definitions apply:

(1) *Small carpet* and *small rug* means “small carpet” and “small rug” as defined in § 1631.1(c).

(2) *Fire-retardant treatment* means “fire-retardant treatment” as defined in the Standard in subpart A of this part.

(b) If a carpet or rug or small carpet or rug is manufactured, imported, or otherwise marketed or handled which has had a fire-retardant treatment or is made of fibers which have had a fire-retardant treatment, the letter “T” shall be set forth legibly and conspicuously, and shall appear at all times, on each label and/or invoice relating thereto pursuant to the requirements of the Textile Fiber Products Identification Act, 15 U.S.C. section 70, et seq., and the rules and regulations thereunder, whether or not such letter “T” appears elsewhere on said product. Samples, pieces, rolls, or squares used to promote or effect the sale of such carpet or rug are subject to the aforementioned requirements. As provided in the applicable portions of the aforesaid Act and the rules and regulations thereunder, where a carpet or rug or a small carpet or rug which has had a fire-retardant treatment or is made of fibers which have had a fire-retardant treatment, is sold to an ultimate consumer and was either custom made or commercially installed for such consumer, the labeling required

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by this section shall not apply with respect to the carpet or rug if an invoice or other paper relating thereto, containing the letter “T”, legibly and conspicuously written, is delivered to the consumer in due course of business.

(c) No person subject to the Flammable Fabrics Act shall manufacture, import, distribute, or otherwise market or handle any carpet or rug or small carpet or rug, including samples, swatches, or specimens used to promote or effect the sale thereof, which is not in compliance with this section.

### § 1631.34 Small carpets and rugs not meeting acceptance criterion.

(a) If any small carpet or rug as defined in the Standard for the Surface Flammability of Small Carpets and Rugs (pill test) FF 2-70, is manufactured, imported, or otherwise marketed or handled and does not meet the acceptance criterion of such standard, it shall, prior to its introduction into commerce, be legibly and conspicuously labeled with a permanent label which sets forth the following statement:

“FLAMMABLE (FAILS U.S. DEPARTMENT OF COMMERCE STANDARD FF 2-70): SHOULD NOT BE USED NEAR SOURCES OF IGNITION.”

The required cautionary statement may be set out on or affixed to the small carpet or rug on the same label as the fiber content label required to be affixed under the Textile Fiber Products Identification Act, if said label is permanent, or said statement shall be set forth on a separate permanent label on or affixed to the small carpet or rug in immediate proximity to the said required label under the Textile Fiber Products Identification Act. A label on the front of a small carpet or rug shall be considered to be in immediate proximity to a label on the back, provided they are directly opposite each other and are in immediate proximity to the edge of the small carpet or rug.

(b) Such cautionary statements shall also appear in a conspicuous manner in all advertisements in which said small carpets or rugs are being offered for sale through direct mail, telephone solicitation, or under any other circumstances where the consumer, in the ordinary course of dealing, will not

have an opportunity to inspect the label before receiving the merchandise. The phrase “Flammable—Read The Label” shall conspicuously appear in all other advertisements of small carpets or rugs which do not meet the acceptance criterion of the standard.

(c) The information required by this section shall be set forth separately from any other information, representations, or disclosures appearing on the same label or elsewhere on the small carpet or rug, and any such other information, representations, or disclosures shall in no way interfere with, minimize, detract from, or conflict with the information required by this section.

(d) Samples, swatches, or specimens used to promote or effect the sale of small carpets or rugs shall be labeled with the information required by this section, in addition to the label required to be affixed to the small carpets or rugs.

(e) Where small carpets or rugs are marketed at retail in packages, and the labeling information required by this section is not readily visible to prospective purchasers, the packages must also be prominently, conspicuously, and legibly labeled with the information required by this section.

(f) No person, other than the ultimate consumer, shall remove, mutilate, or cause or participate in the removal or mutilation of any affixed labeling information required by this section.

(g) No person subject to the Flammable Fabrics Act shall manufacture, import, distribute, or otherwise market or handle any small carpet or rug, including samples, swatches, or specimens used to promote or effect the sale thereof, which is not in compliance with this section.

## Subpart C—Washing Procedures

AUTHORITY: Secs. 4, 5, 67 Stat. 112, as amended, 81 Stat. 569-70; 15 U.S.C. 1193, 1194.

### § 1631.61 Hide carpets and rugs—alternative washing procedure.

(a) The Standard for the Surface Flammability of Carpets and Rugs (FF 1-70) at § 1630.4(b)(1)(ii) provides that if a carpet or rug has had a fire-retardant treatment, or is made of fibers which



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have had a fire-retardant treatment, the sample or oversized specimens thereof selected for testing under the standard shall be washed prior to the cutting of test specimens either 10 times under the washing and drying procedure prescribed in Method 124-1996 of the American Association of Textile Chemists and Colorists or such number of times under such other washing and drying procedure as shall previously have been found to be equivalent by the Consumer Product Safety Commission. AATCC Test Method 124-1996 "Appearance of Fabrics after Repeated Home Laundering," is found in Technical Manual of the American Association of Textile Chemists and Colorists, vol. 73, 1997, which is incorporated by reference. Copies of this document are available from the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, North Carolina 27709. This document is also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Alternatively the selected sample or oversized specimens thereof may be washed, dry-cleaned, or shampooed 10 times, prior to the cutting of test specimens, in such manner as the manufacturer or other interested party has previously established to the satisfaction of the Consumer Product Safety Commission is normally used for that type of carpet or rug in service.

(b) On February 10, 1972 (37 FR 3010) the Federal Trade Commission published in the FEDERAL REGISTER a notice of approval of an alternative washing procedure under FF 2-70 for testing the flammability of shearling and hide rugs that (1) consist of natural wool or hair attached to the hide with no synthetic fibers and (2) have been treated with a fire-retardant finish. The notice of approval was corrected on March 17, 1972 (37 FR 5676). This approval is continued in effect by the Consumer Product Safety Commission pursuant to

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section 30(e) of the Consumer Product Safety Act (15 U.S.C. 2079(e)).

(c) Any hide carpet or rug for which such alternative procedure is utilized must be labeled with a conspicuous, legible and permanent label containing the following statement:

### DO NOT WASH OR DRY CLEAN

This rug has been treated with a flame retardant. To keep rug attractive and clean use the following methods:

To eliminate loose dirt or dust, vacuum or shake pelt outdoors.

For spot cleaning, use water dampened cloth and rub lightly in one direction.

### DO NOT USE DETERGENTS OR OTHER STAIN REMOVERS

(d) The alternative procedure is as follows: The test specimens shall be cut to size 9" × 9" before the procedure is initiated.

(1) Shake specimen vigorously to remove any loose fibers, dust and possible accumulated debris.

(2) Place specimen on a solid flat surface and anchor or hold firmly while conducting the test.

(3) Select an operating applicator consisting of a rod at least 2" in diameter and 9" long composed of non-absorbent material such as glass or plastic.

(4) Select sufficient cloth to form at least five layers when wrapped around the operating applicator. The cloth shall be of the type known as "Crockmeter Test Cloth" as specified in Note 8.3 of AATCC Test Method 8-1969.

(5) Immerse cloth in water (100 °F.) until thoroughly wetted.

(6) Manually wring out the cloth to remove all excess water and wrap around the operating applicator.

(7) Immediately, with light pressure, stroke entire surface of specimen with the wrapped operating applicator in one direction only along the natural "lay" of the hair structure for ten complete strokes.

(8) Place test specimen in a circulating drying oven maintained at 212 °F. until dry.

(9) Repeat the above procedure 10 times using a fresh or clean cloth each time.

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(10) After 10 successive cycles of washing and drying the dried specimens shall be subjected to the testing procedures (pill test) as outlined in FF 2-70.

(e) This washing procedure and labeling provision are subject to revision or revocation should it be determined that such procedure is inadequate to fully protect the public.

[40 FR 59935, Dec. 30, 1975, as amended at 65 FR 12934, Mar. 10, 2000]

### § 1631.62 Wool flokati carpets and rugs—alternative washing procedure.

(a) The Standard for the Surface Flammability of Carpets and Rugs (FF 1-70) at § 1630.4(b)(1)(ii) provides that if a carpet or rug has had a fire-retardant treatment, or is made of fibers which have had a fire-retardant treatment, the sample or oversized specimens thereof selected for testing under the standard shall be washed prior to the cutting of test specimens either 10 times under the washing and drying procedure prescribed in Method 124-1996 of the American Association of Textile Chemists and Colorists or such number of times under such other washing and drying procedure as shall previously have been found to be equivalent by the Consumer Product Safety Commission. AATCC Test Method 124-1996 "Appearance of Fabrics after Repeated Home Laundering," is found in Technical Manual of the American Association of Textile Chemists and Colorists, vol. 73, 1997, which is incorporated by reference. Copies of this document are available from the American Association of Textile Chemists and Colorists, P.O. Box 12215, Research Triangle Park, North Carolina 27709. This document is also available for inspection at the National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html). This incorporation by reference was approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Alternatively the selected sample or oversized specimens thereof may be washed, dry-cleaned, or shampooed

10 times, prior to the cutting of test specimens, in such manner as the manufacturer or other interested party has previously established to the satisfaction of the Consumer Product Safety Commission is normally used for that type of carpet or rug in service.

(b) On September 7, 1972 (37 FR 18122) the Federal Trade Commission published in the FEDERAL REGISTER a notice of approval of an alternative washing procedure under FF 2-70 for testing the flammability of wool flokati carpets and rugs. This approval is continued in effect by the Consumer Product Safety Commission pursuant to section 30(e) of the Consumer Product Safety Act (15 U.S.C. 2079(e)).

(c) Any wool flokati carpet or rug for which such alternative procedure is utilized must be labeled with a conspicuous, legible and permanent label containing the following statement:

Do Not Wash in Home Machine or Dry Clean—Avoid Rubbing or Brushing While Damp

This Flokati carpet or rug has been treated with a flame retardant. To maintain this flame retardant and to keep the carpet attractive and clean, use the following methods.

1. Vacuum (using suction head without rotating brush) or shake the rug (depending upon size) to remove loose dirt.

2. Home laundering: Place in bath tub or other suitable receptacle in solution of home detergent and lukewarm water (approximately 105 °F.). Immerse face down and gently knead back of rug to remove soil. Rinse in lukewarm water (approximately 105 °F.) until detergent is removed. Rug may then be rinsed again in cool water to improve appearance of face if desired. Line dry. Shake while damp to restore surface and fluff up fibers.

3. Spot cleaning: Remove greasy stains with a household grease remover. Remove soluble stains with lukewarm water (approximately 105 °F.) and detergent by immersing spot in a pan and kneading the back of rug. Rinse thoroughly in lukewarm water. Line or floor dry. Shake while damp to restore surface and fluff up fibers.

4. Commercial cleaning: Use Roll-A-Jet equipment (or equivalent) with water not exceeding 105 °F. Avoid use of excessive pressure or reciprocating brushes. Drying temperatures should not exceed 200 °F.

(d) The alternative procedure is as follows:

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(1) Cut test specimens to an oversize 12" × 12" before the procedure is initiated.

(2) Vacuum specimens or shake vigorously to remove any loose fibers, dust or possible accumulated debris.

(3) Place individual specimen face down in a shallow pan which has been filled to a depth of 2" with a wash solution of 1.1 grams of AATCC (American Association of Textile Chemists and Colorists) Standard Detergent as specified in AATCC Method 124-1996 (or equivalent) per liter of water preheated to 105 °F. Knead the back of the specimen with hand for 1 minute. Water level and temperature should be maintained for each specimen.

(4) Thoroughly rinse specimen face down with warm water at 105 °F. for 1 minute under a faucet with strong pressure.

(5) Remove excess liquor by use of a wringer, hydroextractor or gentle hand squeezing and dry in circulating air oven at 200 °F. until dry.

(6) Repeat the above procedure 10 times using fresh detergent and fresh water for each set of eight specimens.

(7) Subject the dry specimens to the test procedures in FF 2-70.

(e) This washing procedure and labeling provisions are subject to revocation should it be determined that such procedure is inadequate to fully protect the public.

[40 FR 59935, Dec. 30, 1975, as amended at 65 FR 12934, Mar. 10, 2000]

**PART 1632—STANDARD FOR THE FLAMMABILITY OF MATTRESSES AND MATTRESS PADS (FF 4-72, AMENDED)**

**Subpart A—The Standard**

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1632.61–1632.62 [Reserved]

1632.63 Policy clarification on renovation of mattress.

AUTHORITY: 15 U.S.C. 1193, 1194; 15 U.S.C. 2079(b).

SOURCE: 49 FR 39796, Oct. 10, 1984, unless otherwise noted.

**Subpart A—The Standard**

**§ 1632.1 Definitions.**

In addition to the definitions given in section 2 of the Flammable Fabrics Act as amended (15 U.S.C. 1191), the following definitions apply for the purpose of the standard.

(a) *Mattress* means a ticking filled with a resilient material used alone or in combination with other products intended or promoted for sleeping upon.

(1) This definition includes, but is not limited to, adult mattresses, youth mattresses, crib mattresses including portable crib mattresses, bunk bed mattresses, futons, water beds and air mattresses which contain upholstery material between the ticking and the mattress core, and any detachable mattresses used in any item of upholstered furniture such as convertible sofa bed mattresses, corner group mattresses, day bed mattresses, roll-a-way bed mattresses, high risers, and trundle bed mattresses. See §1632.8 Glossary of terms, for definitions of these items.

(2) This definition excludes sleeping bags, pillows, mattress foundations, liquid and gaseous filled tickings such as water beds and air mattresses which do not contain upholstery material between the ticking and the mattress core, upholstered furniture which does not contain a detachable mattress such as chaise lounges, drop-arm love seats, press-back lounges, push-back sofas, sleep lounges, sofa beds (including jackknife sofa beds), sofa lounges (including glide-outs), studio couches and studio divans (including twin studio divans and studio beds), and juvenile product pads such as car bed pads, carriage pads, basket pads, infant carrier and lounge pads, dressing table pads, stroller pads, crib bumpers, and playpen pads. See §1632.8 Glossary of terms, for definitions of these items.